

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107050.D
 Acq On : 2 Jul 2018 17:55
 Operator : JU/SJ
 Sample : J3629-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:24:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

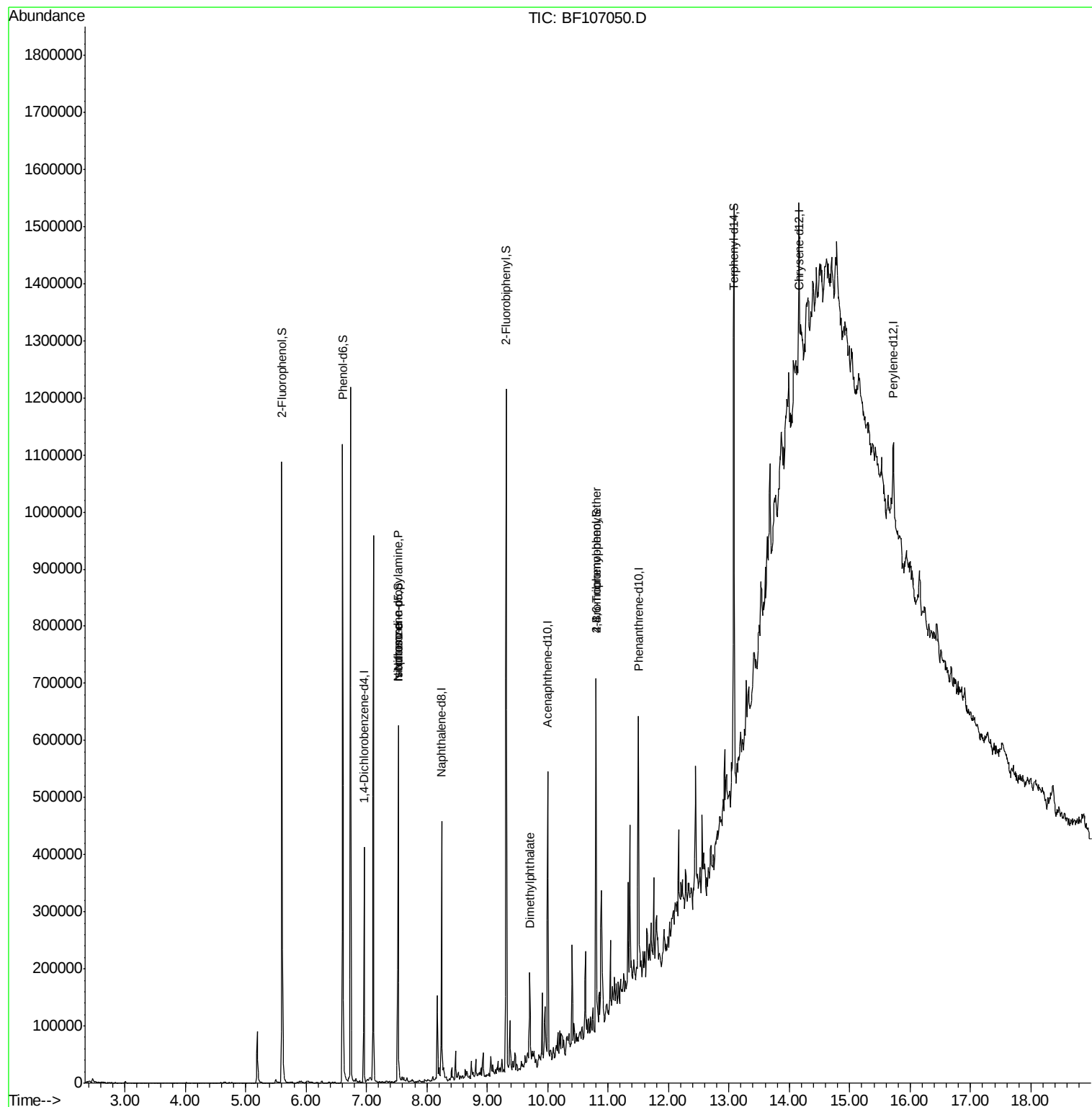
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	60986	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	216747	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	94638	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	176078	20.00	ng	0.00
75) Chrysene-d12	14.16	240	124318	20.00	ng	0.00
86) Perylene-d12	15.72	264	91598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	313600	87.07	ng	0.00
7) Phenol-d6	6.61	99	375538	83.50	ng	0.00
23) Nitrobenzene-d5	7.52	82	206766	53.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	94256	85.93	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	364045	60.93	ng	-0.01
78) Terphenyl-d14	13.08	244	381800	74.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	27185	9.169	ng	# 72
25) Isophorone	7.52	82	206764	30.085	ng	# 64
49) Dimethylphthalate	9.71	163	56448	7.953	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	5781	2.751	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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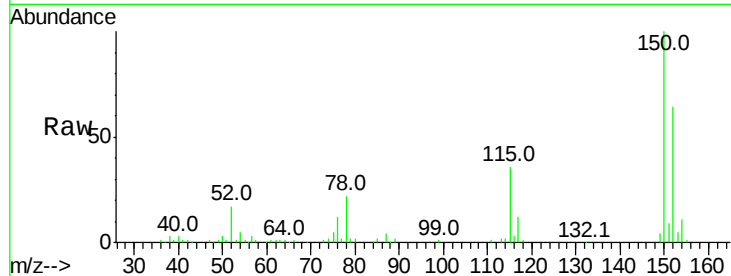


#1

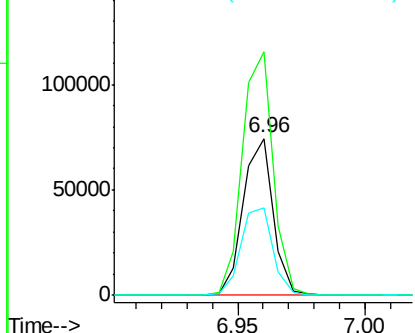
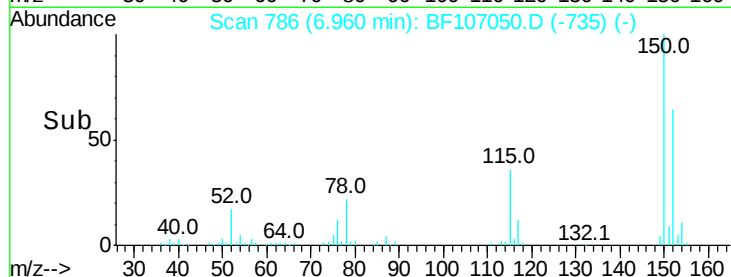
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF107050.D
Acq: 2 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60986
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 55.6 50.1 75.1



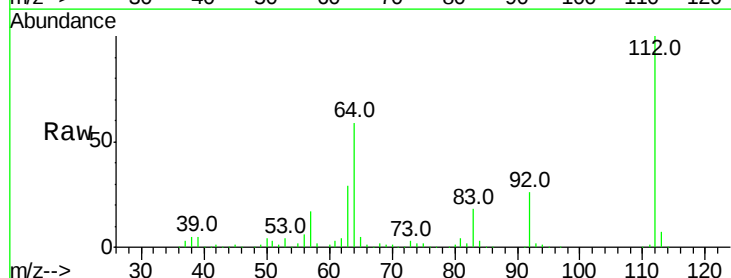
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



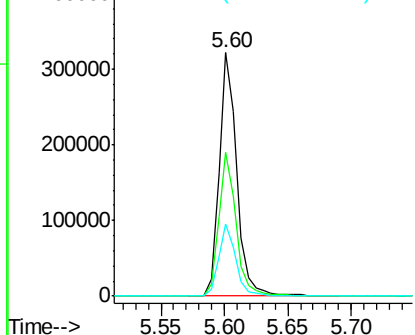
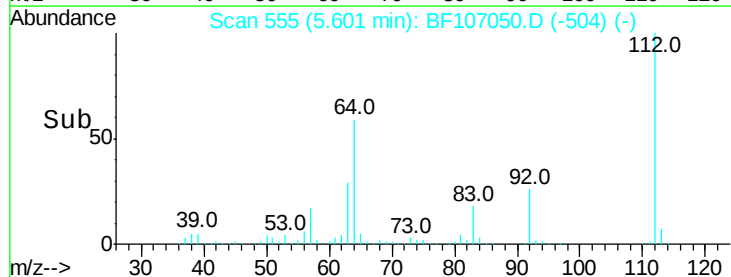
#5

2-Fluorophenol
Concen: 87.073 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107050.D
Acq: 2 Jul 2018 17:55

Tgt Ion:112 Resp: 313600
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.496 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107050.D

Acq: 2 Jul 2018 17:55

Instrument :

BNA_F

ClientSampled :

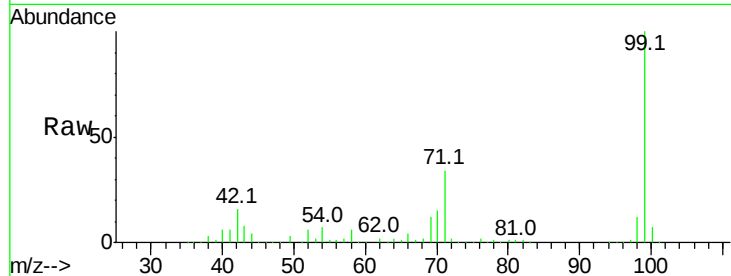
Tot Ion: 99 Resp: 375538

Ion Ratio Lower Upper

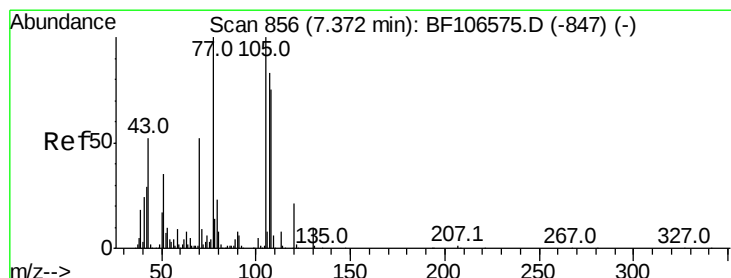
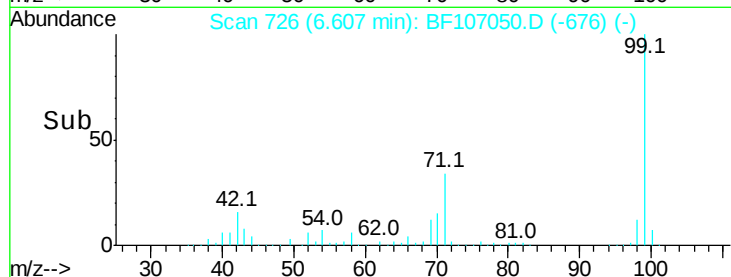
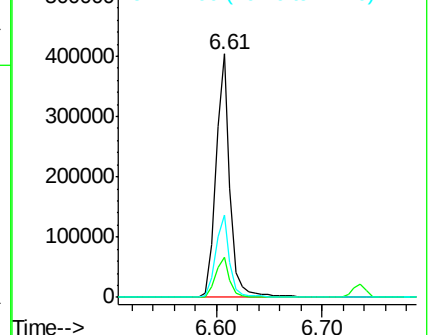
99 100

42 16.2 14.5 21.7

71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.169 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107050.D

Acq: 2 Jul 2018 17:55

Tgt Ion: 70 Resp: 27185

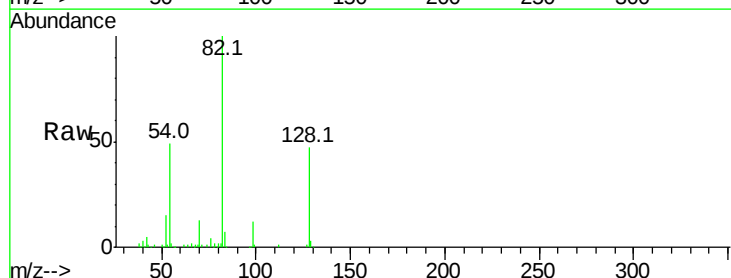
Ion Ratio Lower Upper

70 100

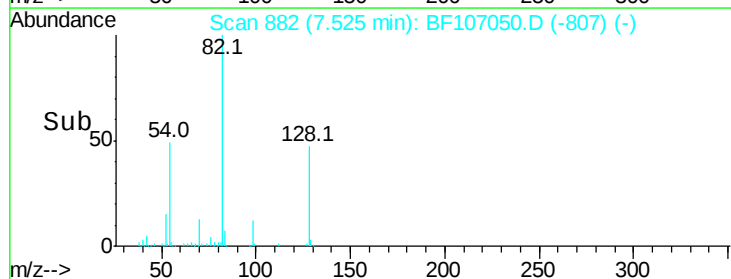
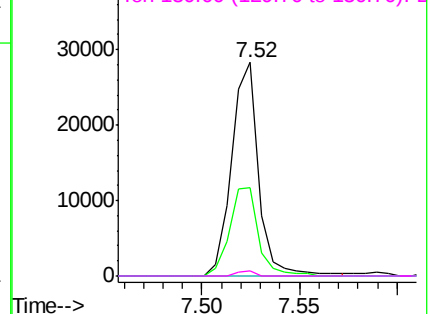
42 41.5 47.5 71.3#

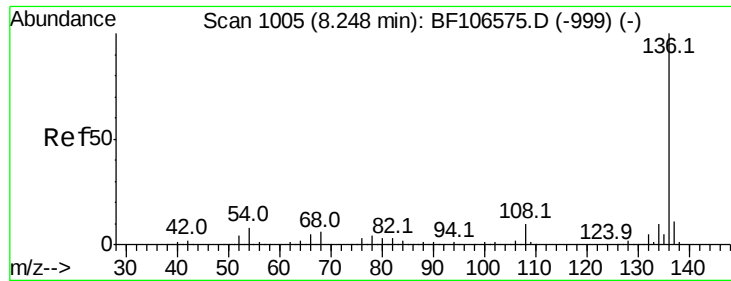
101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

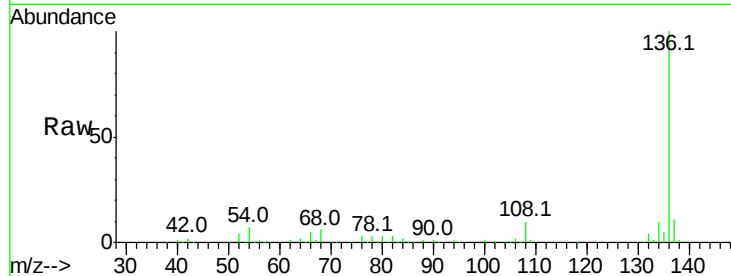




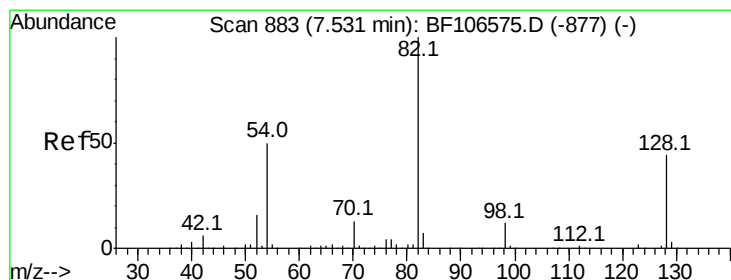
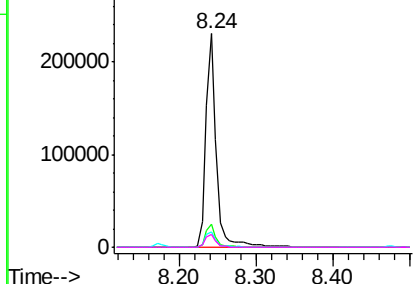
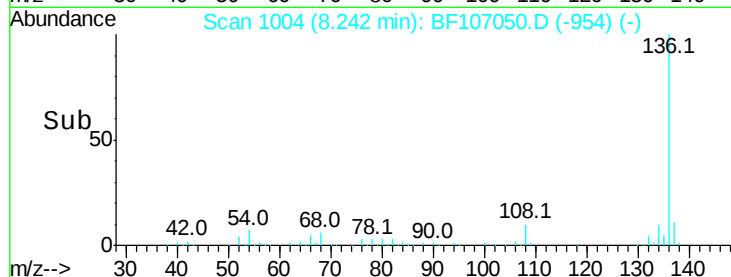
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107050.D
Acq: 2 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	216747
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	5.7	5.0	7.4

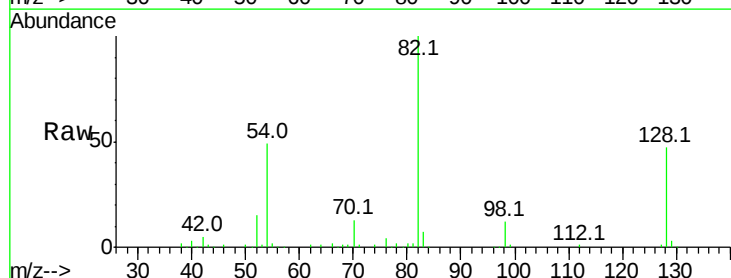


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

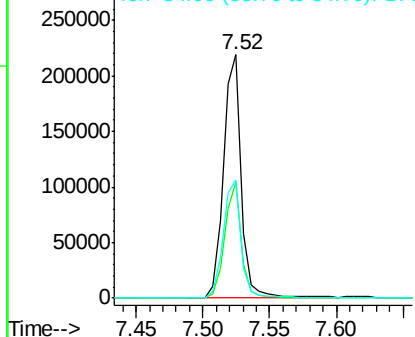
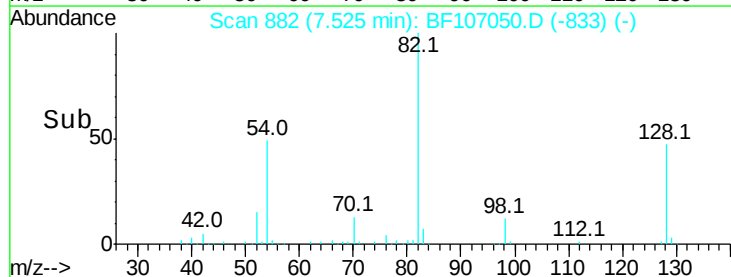


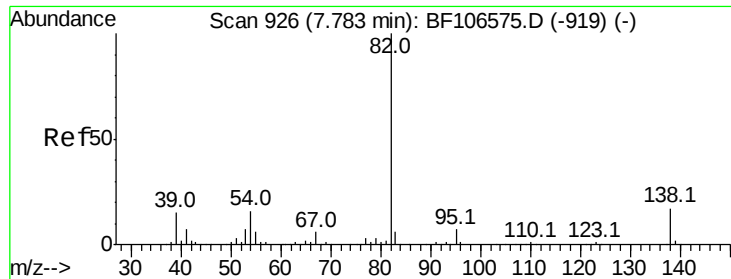
#23
Nitrobenzene-d5
Concen: 53.014 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107050.D
Acq: 2 Jul 2018 17:55

Tgt Ion:	82	Resp:	206766
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	48.7	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.085 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107050.D

Acq: 2 Jul 2018 17:55

Instrument :

BNA_F

ClientSampled :

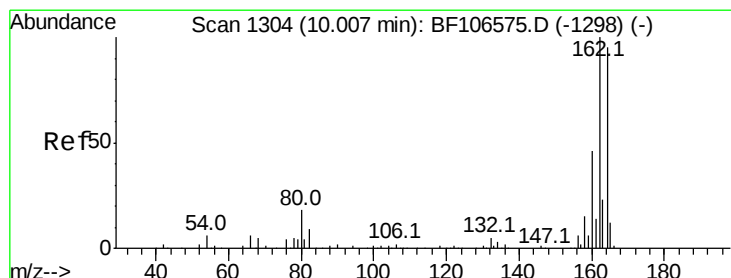
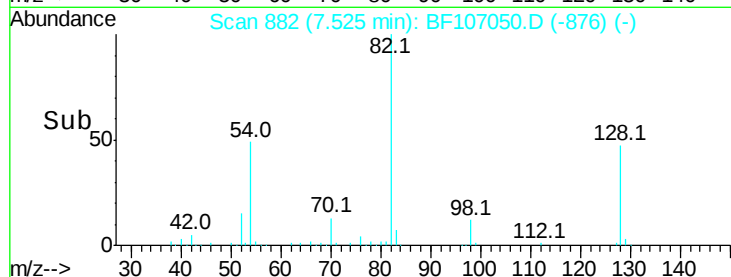
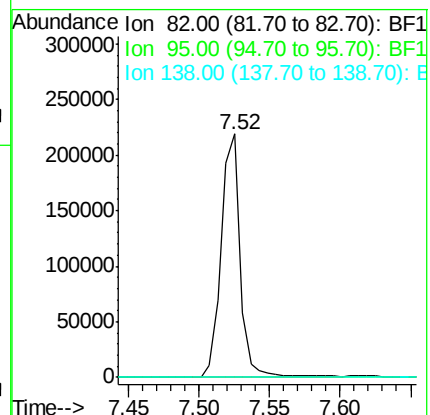
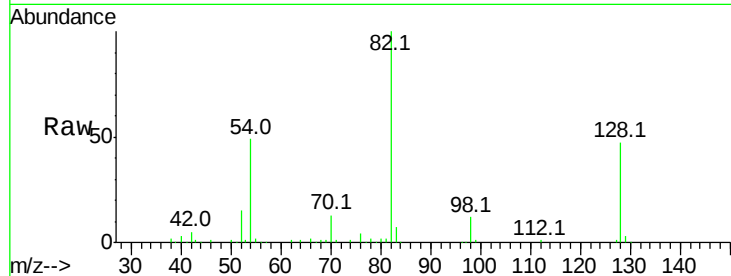
Tot Ion: 82 Resp: 206764

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107050.D

Acq: 2 Jul 2018 17:55

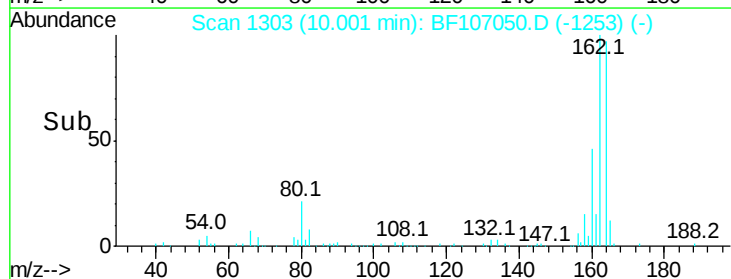
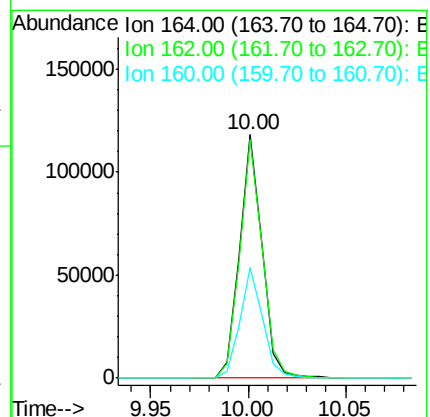
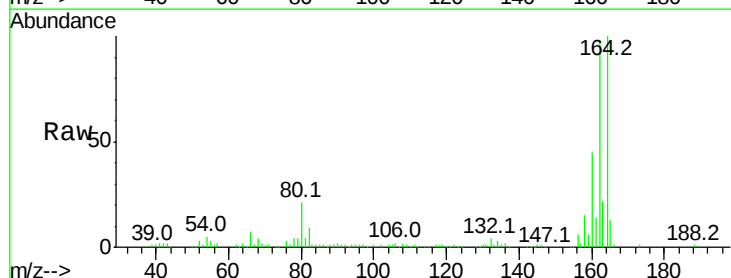
Tgt Ion:164 Resp: 94638

Ion Ratio Lower Upper

164 100

162 97.7 86.1 129.1

160 45.4 38.3 57.5

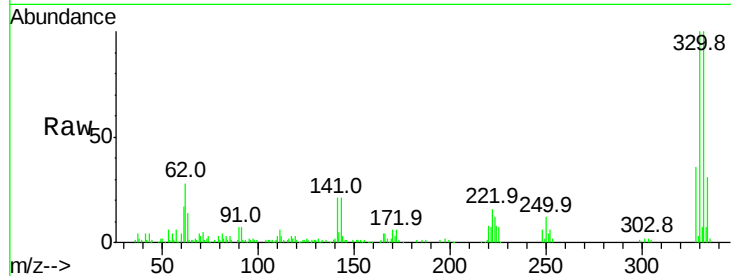




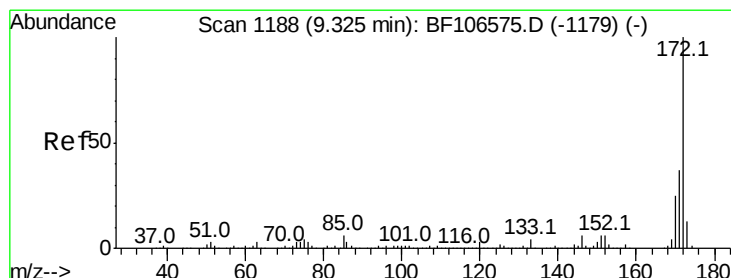
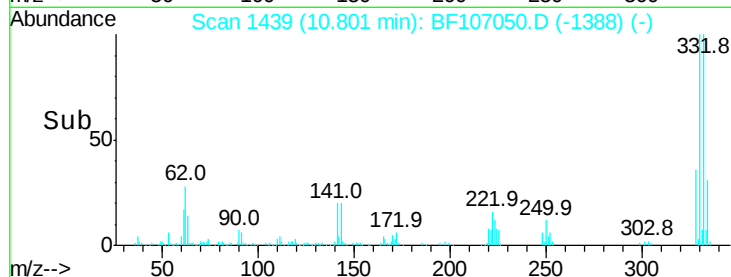
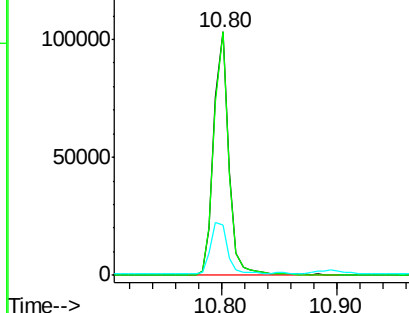
#41
 2,4,6-Tribromophenol
 Concen: 85.931 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107050.D
 Acq: 2 Jul 2018 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 94256
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 23.7 29.9 44.9#

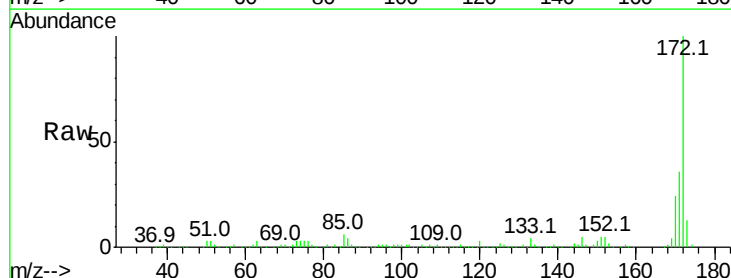


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

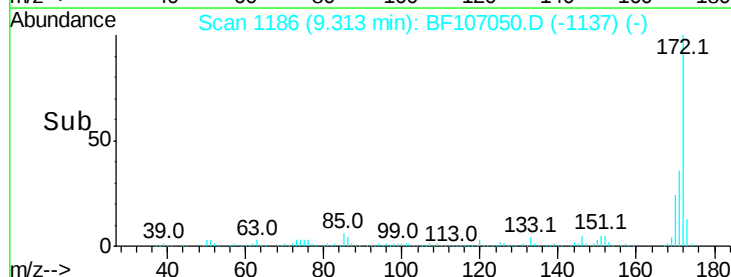
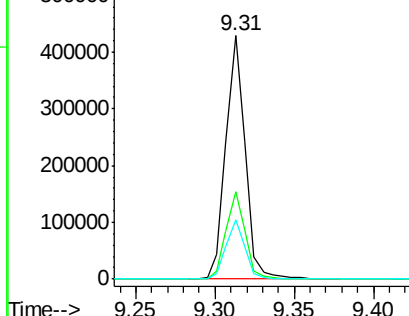


#44
 2-Fluorobiphenyl
 Concen: 60.934 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107050.D
 Acq: 2 Jul 2018 17:55

Tgt Ion:172 Resp: 364045
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

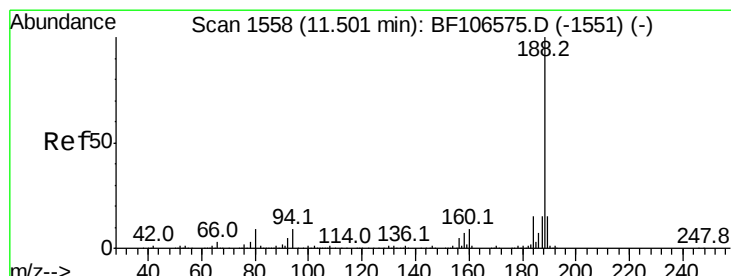
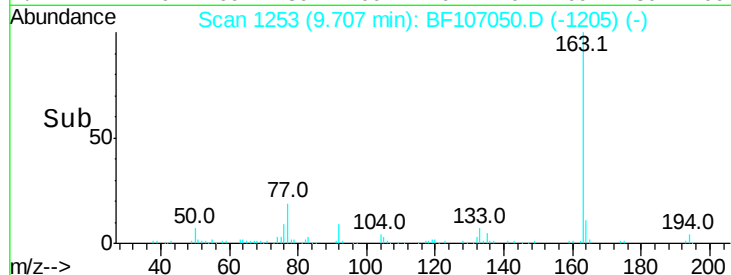
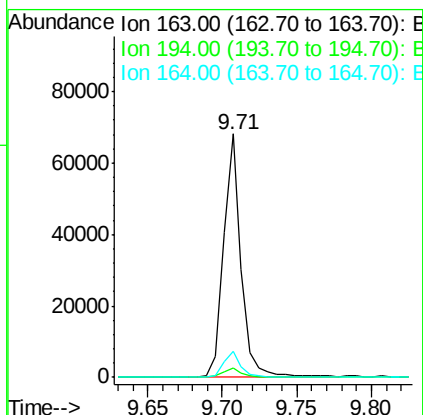
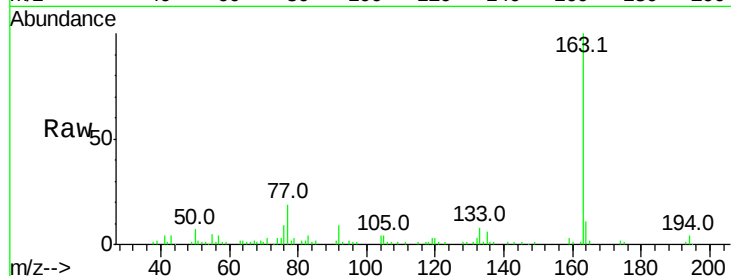




#49
Dimethylphthalate
Concen: 7.953 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107050.D
Acq: 2 Jul 2018 17:55

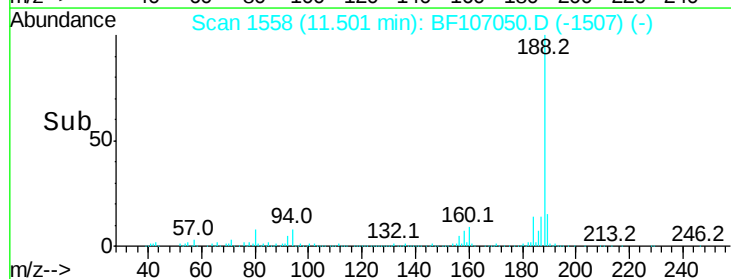
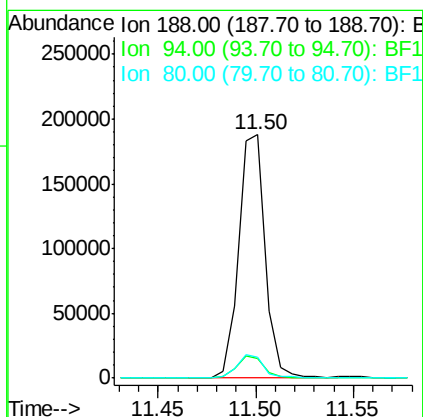
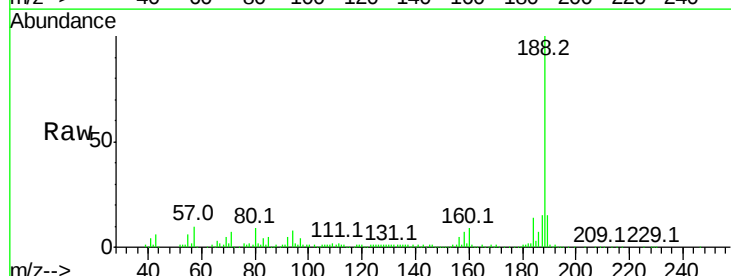
Instrument :
BNA_F
ClientSampleId :

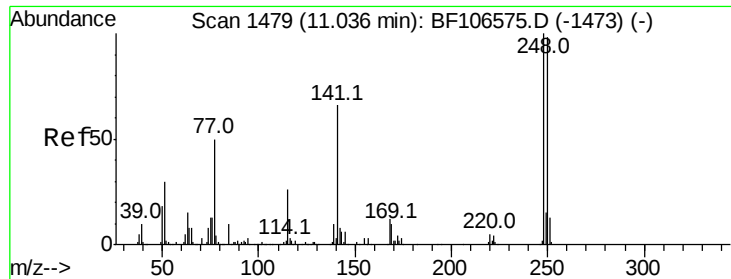
Tot Ion:163 Resp: 56448
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107050.D
Acq: 2 Jul 2018 17:55

Tgt Ion:188 Resp: 176078
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.6 9.2 13.8#

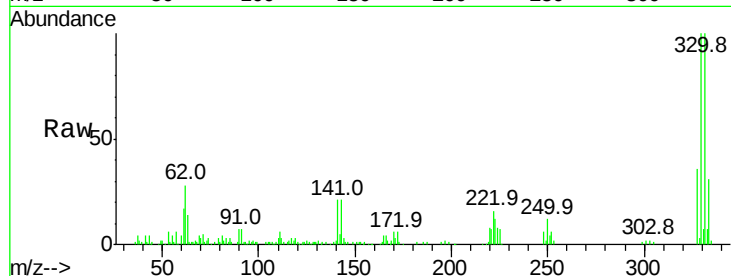




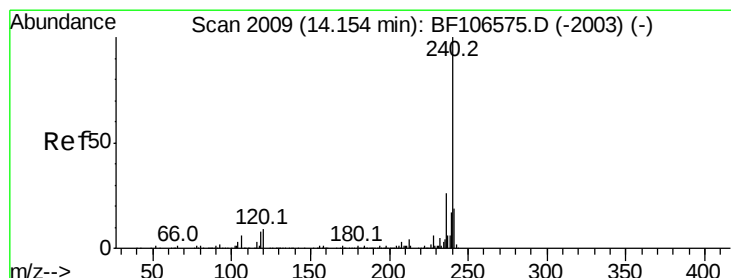
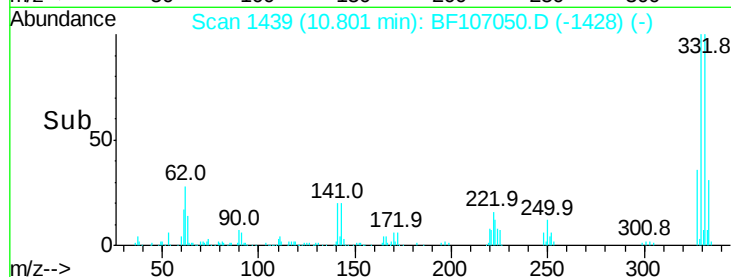
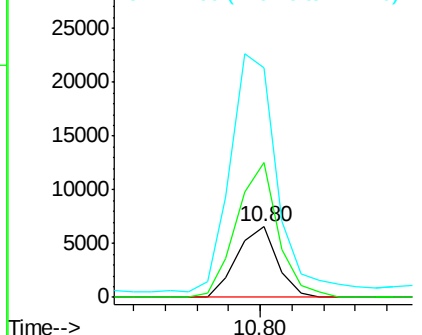
#66
4-Bromophenyl-phenylether
Concen: 2.751 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107050.D
Acq: 2 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5781
Ion Ratio Lower Upper
248 100
250 191.0 76.9 115.3#
141 325.3 74.4 111.6#

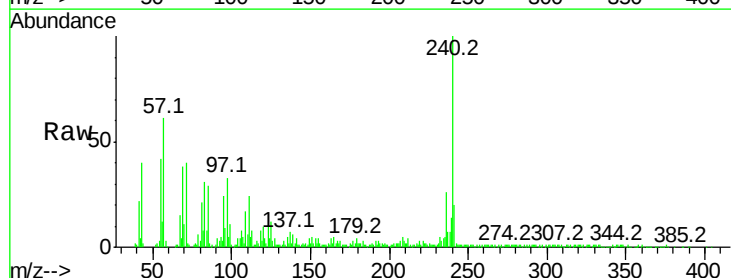


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

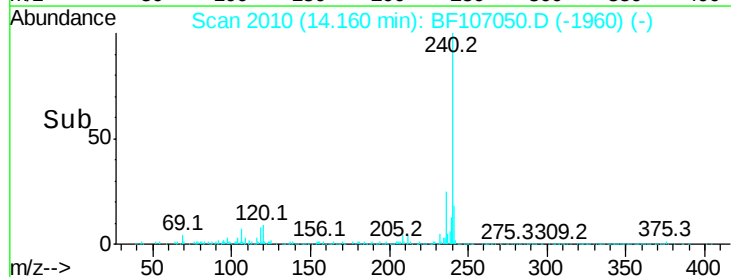
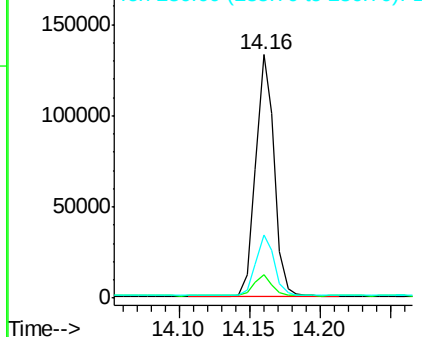


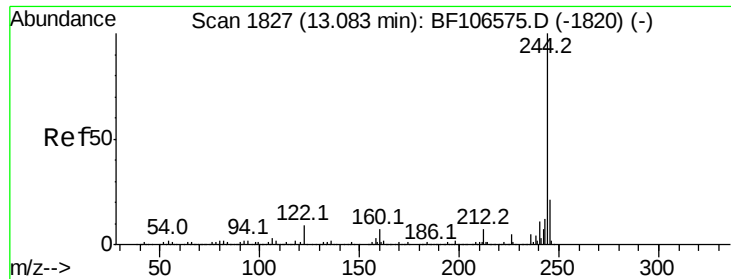
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107050.D
Acq: 2 Jul 2018 17:55

Tgt Ion:240 Resp: 124318
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.393 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107050.D

Acq: 2 Jul 2018 17:55

Instrument :

BNA_F

ClientSampleId :

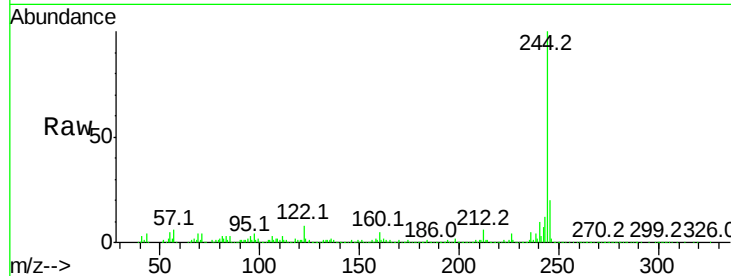
Tot Ion:244 Resp: 381800

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

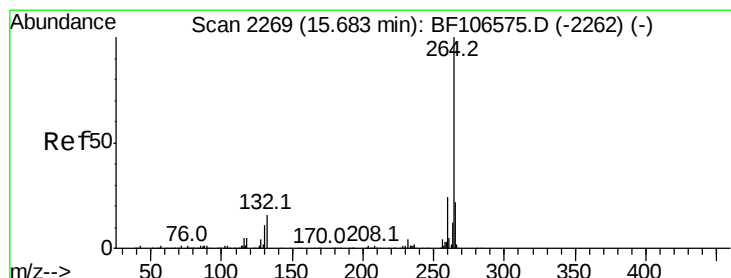
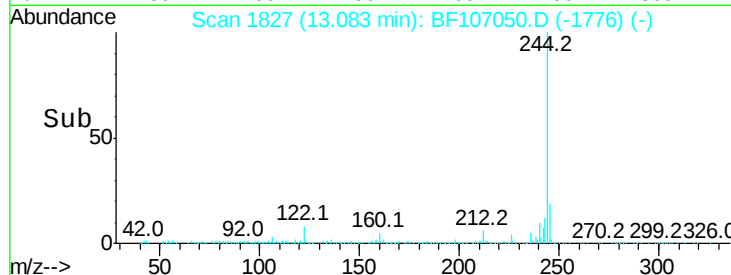
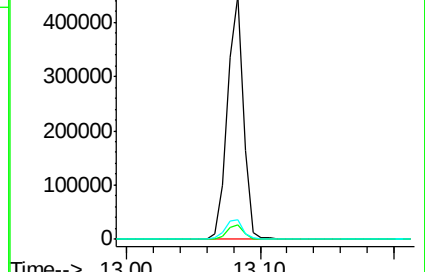
122 7.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF107050.D

Acq: 2 Jul 2018 17:55

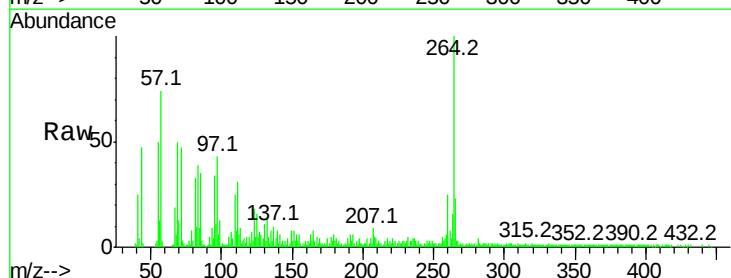
Tgt Ion:264 Resp: 91598

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

265 23.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

